



## RehabiliCRETE 150

### Two-Component Polymer Based Cement Compound

#### Description

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RehabiliCRETE 150 is a two-component polymer based cement mortar designed for thin overlayers use on concrete in civil, commercial and industrial concrete repair and restoration applications.

RehabiliCRETE 150 offers variable mix designs allowing for use horizontally, vertically and overhead for trowel, squeegee or spray applications.

#### Where to Use

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RehabiliCRETE 150 can be used for interior or exterior uses including concrete floors, driveways, walkways, parkades, bridge repair, curbs, monuments, wading pools, reservoirs, agricultural containment walls and on virtually any concrete surface requiring resurfacing. It can be used on, above or below grade. Resistant to salt and chemicals while remaining durable to traffic and weather.

#### Advantages

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- Excellent adhesion with no failure at the bond line under strain
- Provides improved concrete durability, strength and appearance
- Resists water, acid rain, urine, manure and the effects of de-icing salts
- No primer required on substrate before use, sticks to most surfaces
- Quick curing time for fast time to service
- Can be used as an underlayment or topcoat tinted and architecturally finished
- Variable mix consistency offering superb workability
- Use conventional tools trowel, spray, brush, or squeegee
- Cures in damp conditions & at low temps, easy clean-up with water
- Fill from deep cracks to feather edge, thickness up to 6" in 2" lifts

#### Technical Data (Tested According to Applicable ASTM Standards)

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- **Compressive Strength:**
  - 24-hour 16 MPa (2338 psi) / 28-day 41 MPa (5943 psi)
- **Flexural Strength:**
  - 4.96 MPa (719.1 psi)
- **Shear Bond:**
  - 30.91 MPa (4483.22 psi)
- **Average Coverage:**
  - One bag troweled at 1/8" (3.18mm) is minimum 39 sq ft (3.62 sq m)
- **Pot Life:**
  - 20-40 minutes after adding Dry B to Liquid A and mixing
- **Working Time:**
  - Initial set time is 30-50 minutes at 20°C (68°F)

### How to Use RehabiliCRETE 150

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RehabiliCRETE 150 is designed to adhere to most surfaces including all concrete and when a thin overlay topcoat is desired. Use conventional tools; trowel, brush, roll-on, sponge, squeegee or spray. Variable slump consistency up to slurry can be obtained. Yield: Trowel 0.012m<sup>3</sup> (0.42ft<sup>3</sup>) per 20kg (44 lb.) bag. **DO NOT ADD WATER.**

### Surface Preparation

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Concrete must be structurally sound and free from dust, loose particles and all foreign contaminants. Mechanically remove all spalled concrete. Remove bond breakers, such as oil, grease, sealants or other coatings by high pressure water blasting or wet or dry sandblasting. Repair holes, defects, irregular surfaces, weak mortar joints before finishing. Pre-water substrate in hot climate with clean water to saturated surface dry (SSD) condition, with no standing surface water.

### Trowel Mixing Instructions

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Trowel Mix – Ratio 1:3 by volume (ONE part Liquid A to THREE parts Dry B)

Tools: Clean mixing bucket, heavy-duty power drill with mortar paddle attachment. Clean tools with water immediately to avoid product drying.

1. Pour **ONE part of Liquid A** into a clean bucket.
2. Gradually add **THREE parts of Dry B.**
3. Continuously mix with paddle until desired consistency is reached.

**Do not mix more than can be used within 30-50 minutes.**

**ALWAYS ADD LIQUID TO CONTAINER FIRST.**

### Spray Mix Instructions

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Spray Mix – Ratio 1:2 by volume (ONE part Liquid A to TWO parts Dry B)

Tools: Clean mixing bucket, heavy-duty power drill with mortar paddle attachment.

Yield: Spray approximately 10L per 20kg (44 lb.) bag

1. Pour **ONE part of Liquid A** into a clean bucket.
2. Gradually add **TWO parts of Dry B.**
3. Continuously mix with paddle until desired consistency is reached.
4. Pour contents into stucco hopper and spray

See website [hcproducts.ca](http://hcproducts.ca) for further spraying instructions.

### Caution

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Causes Burns. Do not get in eyes, on skin or clothing. Do not breathe fumes. Handle with care. Keep out of reach of children. Use only in well-ventilated area. Wear rubber gloves, safety glasses and approved dust mask.

### First Aid

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This product contains cement and may cause eye and respiratory system irritation.

If swallowed, call a Poison Control Centre or physician immediately. Do not induce

vomiting. In case of contact with eyes, rinse well with water for a minimum of 15 minutes.

In case of skin contact, rinse well with water. If on clothes, removes clothes.

If breathed in, move person to fresh air. Consult the MSDS data for more information.

**Note: For best results always use Component A with Component B.**

**One (1) 20 kg bag Dry B requires one (1) US GAL of Liquid A.**